| Index of Claims |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |

| Application No. | Applicant(s)   |
|-----------------|----------------|
| 10/613,798      | GODFREY ET AL. |
| Examiner        | Art Unit       |
| Dwayne C Jones  | 1614           |

| <b>√</b> | Rejected | _ |
|----------|----------|---|
| =        | Allowed  |   |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

Dwayne C Jones

| A | Appeal   |
|---|----------|
| o | Objected |

|              |  |               |  |              | _            |              |          | 1            |                           |                 |
|--------------|--|---------------|--|--------------|--------------|--------------|----------|--------------|---------------------------|-----------------|
|              |  | r—            |  |              |              |              |          | _            |                           | $\neg$          |
| Cla          | im   | _             | Date                                   |              |              |              |          |              |                           | $\dashv$        |
| Final        | Original   | 11/17/04      |  |              |              |              |          |              |                           |                 |
|              |  | Ĺ             | _                                      |              |              | Ш            |          |              | _                         |                 |
|              | <del>                                     </del> | -             | _                                      |              |              | $\vdash$     | -        | $\dashv$     | $\dashv$                  |                 |
|              | 2  | $\Rightarrow$ |  |              |              |              | _        |              | -                         |                 |
|              | 3  |               |  |              |              | Ш            |          | _            | $\Box$                    | _               |
|              | 4  | =             |  |              |              |              |          |              |                           |                 |
|              | 1<br>2<br>3<br>4<br>5                            | =             | 1                                      |              |              |              |          |              |                           |                 |
|              | 6  | 1             |  |              |              |              |          |              |                           |                 |
|              | 7  | V             |  | _            |              |              |          |              |                           |                 |
|              | 8  |               |  | -            | _            |              |          |              |                           | $\neg$          |
|              | 9  | +-            |  |              | $\vdash$     | _            |          |              |                           |                 |
| -            | 10   | ╁             | $\vdash$                               | -            | $\vdash$     | -            |          | _            | $\vdash$                  | $\vdash$        |
| <u> </u>     | 110  | ╁─            | <del></del>                            | _            | ┢            | -            | -        | _            | -                         | -               |
|              | 11   | ⊢             | <del> </del>                           | $\vdash$     |              | H            | $\vdash$ |              | Н                         |                 |
| <del> </del> | 12   | $\vdash$      |  | <del> </del> | <del> </del> | $\vdash$     | Н        | -            | <u> </u>                  | $\vdash$        |
|              | 10<br>11<br>12<br>13<br>14                       | -             | <u> </u>                               | <u> </u>     | <u> </u>     |              | <u> </u> |              |                           | _               |
|              | 14   | ₩             | $\vdash$                               |              | <u> </u>     | <del> </del> | Ш        |              | Ш                         | $\vdash$        |
| <u> </u>     | 15   | 1_            |  | L_           |              | L            |          |              | <u> </u>                  | Ш               |
| L            | 15<br>16<br>17                                   | 1_            |  | <u>_</u>     |              | 匚            | <u></u>  | _            | $ldsymbol{ldsymbol{eta}}$ | Ш               |
|              | 17   |               |  |              | L            |              |          |              |                           | Ш               |
|              | 18   |               |  |              |              | L            |          |              |                           |                 |
|              | 18<br>19   |               |  |              |              | Г            |          |              |                           |                 |
|              | 20   |               |  |              |              | Г            |          |              |                           |                 |
|              | 21   |               |  | Г            |              |              |          |              |                           | П               |
|              | 21<br>22   |               |  |              |              |              |          |              |                           | П               |
| $\vdash$     | 23   | Т             |  | $\vdash$     | T            |              |          |              |                           | П               |
|              | 23<br>24   | $\vdash$      |  |              |              |              |          | _            |                           |                 |
|              | 25   | 1             |  |              |              | _            | Г        | _            |                           | П               |
|              | 26   | t             | -                                      |              |              |              |          |              | T                         |                 |
| <del></del>  | 26<br>27   | 十             | ├─                                     | $\vdash$     | t            | ┢╌           |          | -            | $\vdash$                  |                 |
| $\vdash$     | 28   | ╁╴            | ╁                                      | -            | ╁            | 1            | $\vdash$ | 1            | ┢                         |                 |
|              | 29   | ╁             | ┝                                      | ╁            | <del> </del> | ┢            | $\vdash$ | -            |                           | $\vdash$        |
|              | 30   | ╁╌            | ⊢                                      |              | $\vdash$     | -            | $\vdash$ | $\vdash$     | ├─                        | -               |
|              | 30   | +             | ⊢                                      | ├            | ├            | ╁            |          | ⊢            | ⊢                         | ╌┤              |
| $\vdash$     | 31   | +             | +-                                     | ├-           | ┢            | $\vdash$     | $\vdash$ | -            | $\vdash$                  | $\vdash$        |
| -            | 32   | +             | -                                      | ⊬            | ├            | ┼            | $\vdash$ | $\vdash$     | -                         | $\vdash \vdash$ |
|              | 33   | 1             | ├-                                     |              | $\vdash$     | ┼            | ├        | <del> </del> | ├-                        | $\vdash$        |
| <u> </u>     | 34<br>35   | 1             | 1                                      | 1            | <u> </u>     | 1            | <u> </u> |              | ├-                        | Н               |
|              | 35   | 1_            | ــــــــــــــــــــــــــــــــــــــ | <u> </u>     | ↓_           | 1            | <u> </u> | <u> </u>     | 1_                        | Ш               |
|              | 36   | $\perp$       | <u> </u>                               | ļ            | ┡            | _            | <u> </u> | 1_           | <u> </u>                  | $\vdash$        |
|              | 37   | 1.            | <b>!</b>                               | <b>—</b>     | ↓_           | ↓_           | <b> </b> | L            | ┡                         | $\sqcup$        |
| ļ            | 38   | 4_            | 1                                      | 1_           | 1_           | _            | <u> </u> | <u> </u>     | <b>L</b>                  | Ш               |
|              | 39   | $\perp$       | _                                      | 1_           | 1_           | 1_           | _        | <u> </u>     | _                         | Ш               |
|              | 40   | 1_            | _                                      | L            | L            | 1_           | _        |              | $oxed{}$                  | Ш               |
|              | 41   | L             | L                                      | L            |              | _            | 丄        | $oxed{oxed}$ |                           | Ш               |
|              | 42   |               |  | 1            |              | <u>L</u> .   | <u> </u> | _            | <u>L</u>                  | Ш               |
|              | 43   | $L^{-}$       | L                                      | $\prod$      |              | L            |          |              | L                         | $\square$       |
|              | 44   |               |  |              |              |              | $\Box$   |              | Ĺ                         |                 |
|              | 45   |               | Т                                      | Τ            | Γ            | Π            | Π        | Γ            | П                         | П               |
|              | 46   | T             | Τ                                      | 1            | Т            | 1            |          | Π            | Т                         |                 |
|              | 47   | 1             | 1                                      | T            | T            | $\top$       | Τ        | Т            | 1                         | П               |
|              | 48   | T             | T                                      | $\vdash$     | 1            | 1            | Т        | 1            | T                         | $\Box$          |
|              | 49   | T             | T                                      | T            | †-           | 1            | 1        | 1            | T                         | П               |
| -            | 50   | 1             | +                                      | +-           | +            | +            | +-       | $\vdash$     | 十                         | 1               |

| Cla          | im             |                 |              |             | Ē            | ate  | :  |  |          |  |
|--------------|----------------|-----------------|--------------|-------------|--------------|--|--|--|----------|--|
|              | 1              | T               |              | $\neg$      |              |  |  |  |          |  |
| Final        | Original       |                 | ļ            |             |              |  |  | ļ  |          |  |
| ᇤ            | ij             | - 1             | - 1          |             |              |  |  | - 1  |          |  |
| -            |                |                 | -            |             |              |  | ١  |  |          |  |
|              | 51             | $\dashv$        |              | 一           | $\neg$       | _  |  |  |          |  |
|              | 51<br>52<br>53 | 一               | 一            | $\neg$      | $\neg$       | $\neg$   |  |  |          |  |
|              | 53             |                 | $\neg$       |             |              |  |  | _  |          |  |
|              | 54             | _               |              |             |              |  |  |  |          | _  |
|              | 54<br>55       |                 | _            |             |              |  | T  |  |          | $\neg$   |
|              | 56             |                 |              |             |              |  | _  |  |          | $\neg$   |
|              | 57             |                 |              | $\neg$      |              |  |  |  |          |  |
|              | 58             |                 | $\neg$       |             |              |  |  |  |          |  |
|              | 58<br>59<br>60 |                 |              |             |              |  |  |  | _        |  |
|              | 60             | $\Box$          |              |             |              |  | _  |  |          |  |
|              | 61             | $\neg$          |              | _           | _            |  |  |  | _        |  |
|              | 62             | $\dashv$        |              |             |              | М  |  |  |          |  |
|              | 62<br>63       | П               |              |             | _            |  |  |  |          | П  |
|              | 64             | $\vdash$        | $\neg$       | П           |              | П  |  |  |          | $\vdash$   |
|              | 64<br>65       | H               |              |             |              | П  |  |  |          | $\Box$   |
|              | 66             | $\vdash \vdash$ | _            | $\vdash$    |              |  |  |  |          | $\vdash$   |
|              | 67             |                 |              |             |              |  | _  | -  |          | Н  |
|              | 68             | $\vdash$        |              |             |              | _  |  | $\vdash$   | _        | Н  |
| -            | 69             | -               | _            |             | _            |  |  | ┢  |          | М  |
|              | 70             | $\vdash$        |              |             |              | $\vdash$   |  | $\vdash$   | -        |  |
|              | 70<br>71       | Н               |              | -           |              |  |  | $\vdash$   | -        | $\vdash$   |
| _            | 72             |                 |              |             |              | -  | -  | $\vdash$   | ┢        | $\vdash$   |
|              | 72<br>73<br>74 | Н               | _            |             |              | -  | $\vdash$   |  | 一        | -  |
|              | 74             | Н               | _            |             | <del> </del> | $\vdash$   |  | $\vdash$   | _        | -  |
|              | 75             | Н               |              |             | $\vdash$     | <b>-</b>   | $\vdash$   | _  |          |  |
|              | 75<br>76       | Н               | _            | $\vdash$    | -            |  | ┢╌   | $\vdash$   | Н        |  |
|              | 77             | $\vdash$        |              |             | _            | $\vdash$   | _  |  |          |  |
|              | 78             | Н               | _            |             | <del> </del> |  |  | 1  | $\vdash$ |  |
|              | 78<br>79       | Н               |              |             | $\vdash$     |  |  | -  |          | T  |
|              | 80             |                 | _            | -           | ┢═           | -  |  | -  | $\vdash$ | 1  |
| <del> </del> | 81             | $\vdash$        | _            | $\vdash$    |              | $\vdash$   |  | <del>                                     </del> | $\vdash$ | $\vdash$   |
| <u> </u>     | 82             | H               | _            | $\vdash$    | Н            | $\vdash$   | _  |  | H        |  |
| $\vdash$     | 83             |                 | _            | $\vdash$    | -            | $\vdash$   | <del>                                     </del> | t —  | t        | T  |
| <del> </del> | 84             | Н               |              | T           | -            | $\vdash$   |  | $\vdash$   | $\vdash$ | t  |
|              | 85             | $\vdash$        | -            | $\vdash$    | _            |  | $\vdash$   | <del>                                     </del> | $\vdash$ | <u> </u>   |
|              | 86             | $\vdash$        |              |             | -            | 1  |  | $\vdash$   | $\vdash$ | $\vdash$   |
| <u> </u>     | 87             |                 |              |             | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$   | †        | T  |
|              | 88             |                 | _            | $\vdash$    | $\vdash$     | †  | ١.   | 1  | 1        |  |
|              | 89             | Т               | $\vdash$     | $\vdash$    | $\vdash$     | 1  | ┢  | t-   | t        | $\vdash$   |
|              | 90             |                 | <del> </del> |             | -            | T  | 1  | <u> </u>   | T        | T  |
| -            | 91             | <b>†</b>        | $\vdash$     | 1           | $\vdash$     | t  | $\vdash$   | T  | 1        | <del>                                     </del> |
|              | 92             | -               | ┢            | 1           | ╁┈           | $^{\dagger}$                                     |  | $\vdash$   |          | <del>                                     </del> |
| -            | 93             | t               | -            | T           | Н            | <del>                                     </del> | $t^-$  | $t^-$  | T        |  |
|              | 94             |                 | ┢            | T           | $\vdash$     | ╁  | $\vdash$   | ┢╌   | $t^-$    | $\dagger$  |
| $\vdash$     | 95             | $\vdash$        | $\vdash$     | $\vdash$    | $\vdash$     | +-   | $\vdash$   | 1-   | $\vdash$ | 1  |
| <u> </u>     | 96             | ╁               | ┝            | $\vdash$    | ├            | $\vdash$   | ╁  | +-   | 1        | $\vdash$   |
| <u> </u>     | 97             | $\vdash$        |              | $\vdash$    | ╁            | +-   | +  | $\vdash$   | +        | +  |
| -            | 98             | $\vdash$        | -            | -           | $\vdash$     | +  | +-   | $\vdash$   | $\vdash$ | +  |
| -            |                | 1               | ⊢            |             | $\vdash$     | +  |  | +  | $\vdash$ | ┼  |
| L            | 99             | 1_              | L.           | <del></del> |              | ـــــ  | 1_   | <b>↓</b>   | 1_       | ١_   |

|  |                                 | ш  |              |          |           |                |              |              |              |          |
|--|---------------------------------|--|--------------|----------|-----------|----------------|--------------|--------------|--------------|----------|
|  |                                 |  |              |          |           |                |              |              |              | $\neg$   |
| Cli  | aim                             |  | _            |          | L         | ate            | •            | _            | _            | $\dashv$ |
| Final  | Original                        |  |              |          |           |                |              |              |              |          |
|  | 101                             |  |              |          |           |                |              |              |              |          |
|  | 101<br>102                      |  |              |          |           |                |              |              |              |          |
|  | 103                             |  |              |          |           |                |              |              |              |          |
|  | 104                             |  |              |          |           |                |              |              |              |          |
| <u></u>  | 105                             | _  | _            |          |           |                |              |              |              | Щ        |
| L  | 103<br>104<br>105<br>106        |  |              |          |           |                |              |              | L            | Ш        |
| ļ  | 1 107                           |  | ┝            | <b> </b> | _         | _              | _            | _            |              | -        |
| ļ  | 108<br>109                      |  | ┝            | -        | -         | $\vdash$       | _            | _            | H            | -        |
|  | 110                             | ┝  |              |          | -         |                |              |              | $\vdash$     | Н        |
| <u> </u>   | 110                             | ├  | $\vdash$     | -        | -         | -              |              | -            | -            | $\vdash$ |
|  | 111<br>112                      | ┢  | $\vdash$     |          | $\vdash$  | <del> </del> — | $\vdash$     |              |              | Н        |
| <del> </del>                                     | 113                             | $\vdash$   | H            | -        | $\vdash$  | $\vdash$       | -            |              |              |          |
|  | 114                             | <del>                                     </del> | 一            | 一        | -         |                | -            |              | T            | П        |
|  | 113<br>114<br>115               |  |              | t        | -         |                |              |              |              |          |
|  | 116<br>117                      |  |              |          |           |                |              |              |              |          |
|  | 117                             |  |              |          |           |                |              |              |              |          |
|  | l 118                           |  |              |          |           |                |              |              |              |          |
|  | 119                             |  |              |          |           |                |              |              |              |          |
|  | 119<br>120                      |  |              |          | _         |                |              |              | L_           |          |
|  | 121                             | <u> </u>   |              |          |           | <u> </u>       | _            | <u> </u>     |              |          |
|  | 122                             | _  | 乚            | <u> </u> |           | _              |              | <u> </u>     | L            |          |
| <u> </u>   | 123                             | <u> </u>   | <b>↓</b> _   |          | <u> </u>  | ـ              | <u> </u>     | ļ            | <u> </u>     | _        |
|  | 124                             | -  | $\vdash$     | -        | 1         | <b>├</b>       | ┢            | <u> </u>     | ├            | Н        |
|  | 122<br>123<br>124<br>125<br>126 | ₩  | ┢            | $\vdash$ | ┢         | -              | ┢            | $\vdash$     | ┝            | ┢        |
|  | 120                             | ⊢  | -            | ╁        | -         | -              | $\vdash$     | -            | -            | ├        |
|  | 128                             | H  | $\vdash$     | ╁╌       | -         | ╁              | $\vdash$     |              | <del> </del> | ┢        |
|  | 127<br>128<br>129               | Н  | -            | ╁        | ┢╌        | ╁              | H            | H            | ╁            | ╁        |
| <u> </u>   | 130                             | H  | 1-           | ╁        | ┢╌        | ╁╴             | ┢            | ┢            | -            | ╁╾       |
| <del>                                     </del> | 130<br>131                      | t  | t            | t        | $I^-$     | $\vdash$       |              | Т            | T            | <u> </u> |
|  | 132                             | t  | †            | T        | T         | T              |              |              |              |          |
| <b>—</b>   | 132<br>133                      | t  | İΤ           | T        | $\vdash$  | T              |              | Г            | T            |          |
| $\overline{}$                                    | 134                             | T  | 1            |          | T         | 1              | ĺ            |              |              |          |
|  | 135                             |  | I            |          |           |                |              |              |              |          |
|  | 135<br>136                      |  |              |          |           |                |              |              |              | $\Box$   |
|  | 137                             |  |              | 1_       |           | <u> </u>       | $oxed{oxed}$ | $oxed{oxed}$ | <u> </u>     | <u> </u> |
|  | 138<br>139                      | ┺  | 1            | ╄        | _         | <del> </del>   |              | 1            | 1            | ┞        |
|  |                                 | 1  | <del> </del> | 4        | _         | 1              | 1_           | 1            | ╁            | -        |
|  | 140                             | ╀  | $\vdash$     | ╄        | +         | $\vdash$       | ├-           | 1            | ├-           | $\vdash$ |
| <u> </u>   | 141                             | ╁  | ╁            | ┼        | +         | +              | -            | $\vdash$     | +            | -        |
|  | 142                             | $\vdash$   | -            | ╁        | +         | +              | +            | 1            | ┼            | +        |
| $\vdash$   | 143                             | +  | +-           | +        | ╁         | ╁              | +            | +-           | ╁            | $\vdash$ |
| -  | 144                             | 1-   | ╁╌           | +        | $\vdash$  | ╁              | -            | ⊢            | ╁            | +        |
| -  | 145                             | +-   | +            | ╁        | ╁         | +              | ╁╾           | $\vdash$     | +            | +-       |
| -  | 147                             | ╁  | +-           | ╁╌       | +         | +              | +            | +            | +            | $\vdash$ |
| $\vdash$   | 148                             | +-   | +            | +        | +         | +              | +            | +-           | +            | +        |
| <b> </b>   | 149                             |  |              | $\top$   | t         | +              | T            | t            | T            | †        |
|  | 150                             |  | +            | T        | $\dagger$ | +              | +            | †            | 1            | 1        |